

DATE: 8 December hh 17.30-19.00, Italian Pavilion

TITLE: Bridging gaps between global models and GHG inventories

#### DESCRIPTION

Credibility of GHG data is a prerequisite for any climate policy action. Science can help through independent verification and providing data in support to GHG inventories. Starting from an overview of the Global Carbon Budget, the side event will explore the complexities of estimating land use emissions and the reasons for the large discrepancies between global models and GHG inventories. The side event will then explore challenges and capacity-building needs in light of the upcoming GHG reporting requirements under Enhanced Transparency Framework.

#### AGENDA:

- Overview of the global carbon budget (Pierre Friedlingstein, Univ. Exeter, UK)
- The land component of the global carbon budget (Julia Pongratz, Univ. Munich, Germany)
- Reconciling land use estimates between global models and GHG inventories (Giacomo Grassi, EC-JRC, member IPCC TFI Bureau)
- Overview of upcoming reporting requirements under Enhanced Transparency Framework (Ruta Bubnienne, UNFCCC)
- Challenges and capacity building needs to improve GHG inventories (Marina Vitullo, ISPRA, Italy)
- The IPCC GHG inventory software (Sandro Federici, Head of Technical support Unit IPCC TFI)

Moderator: Anna Pirani (CMCC, Italy)